

7 6 5 4 3 2 1

NOTE:

1. OVERMOLD SPECIFICATION:

1.1 HDMI INNERMOLD WITH BK PVC 887800019.

1.2 HDMI OVERMOLD WITH PVC 887800150.

2. MECHANICAL SPECIFICATION:

CABLE SHOULD STAND THE PULL FORCE 89-111N FOR 30 SECONDS WITH NO VISIBLE TERMINATION DAMAGE.

3. PRODUCT ELECTRICAL SPECIFICATION:

3.1 DIELECTRIC STRENGTH.

3.2 INSULATION RESISTANCE

3.3 CONDUCTIVE RESISTANCE.

3.4 TMDS Signals Time Domain Impedence

3.5 TMDS Signals Time Domain Crosstalk:FEXT

3.6 TMDS Signals Skew

3.7 Attenuation(

REFER TO ES-002 ELECTRICAL SPECIFICATION FOR DETAILS.

4.CABLE CONSTRUCTION

(AWG#28*1P+D)*4 + AWG#28*1P + AWG#28*5C, 7.3MMOD

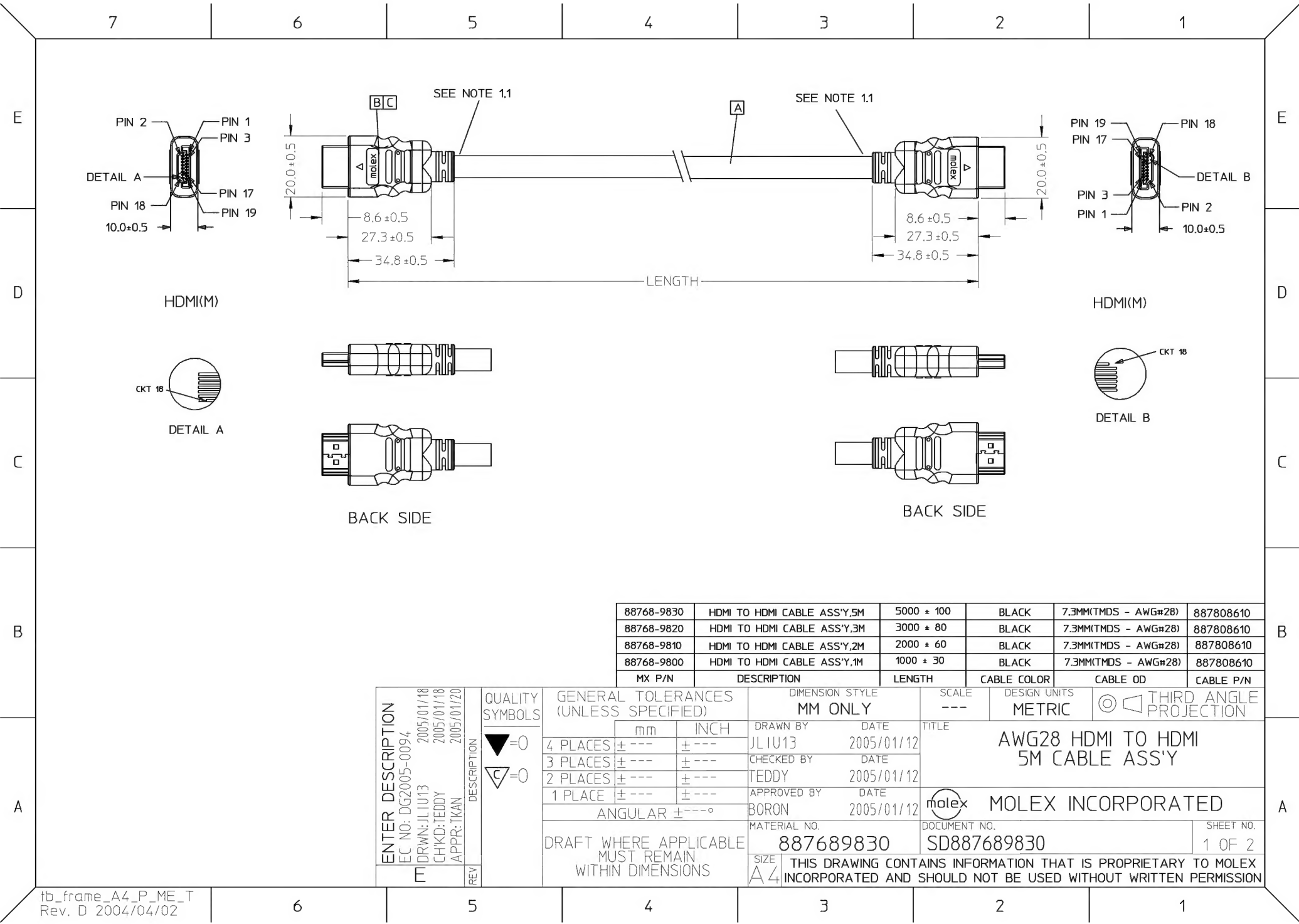
5. THIS PRODUCT MUST MEET ROHS COMPLIANCE.

WIRE DIAGRAM:

SHIELD	SHIELD	OVERALL SHIELD	GROUND
PIN 19	PIN 19	PINK	HOT PLUG DETECT
PIN 18	PIN 18	ORANGE	+5V POWER
PIN 17	PIN 17	YELLOW	DDC/CEC GROUND
PIN 16	PIN 16	WHITE	SDA
PIN 15	PIN 15	RED	SCL
PIN 14	PIN 14	VIOLET	RESERVED
PIN 13	PIN 13	GRAY	CEC
PIN 12	PIN 12	WHITE	TMDS CLOCK-
PIN 11	PIN 11	BRAID	TMDS CLOCK SHIELD
PIN 10	PIN 10	WHITE/BLACK	TMDS CLOCK+
PIN 9	PIN 9	WHITE	TMDS DATA 0-
PIN 8	PIN 8	BRAID	TMDS DATA 0 SHIELD
PIN 7	PIN 7	WHITE/BLUE	TMDS DATA 0+
PIN 6	PIN 6	WHITE	TMDS DATA 1-
PIN 5	PIN 5	BRAID	TMDS DATA 1 SHIELD
PIN 4	PIN 4	WHITE/GREEN	TMDS DATA 1+
PIN 3	PIN 3	WHITE	TMDS DATA 2-
PIN 2	PIN 2	BRAID	TMDS DATA 2 SHIELD
PIN 1	PIN 1	WHITE/RED	TMDS DATA 2+
HDMI	HDMI	COLOR	CABLE FUNCTION

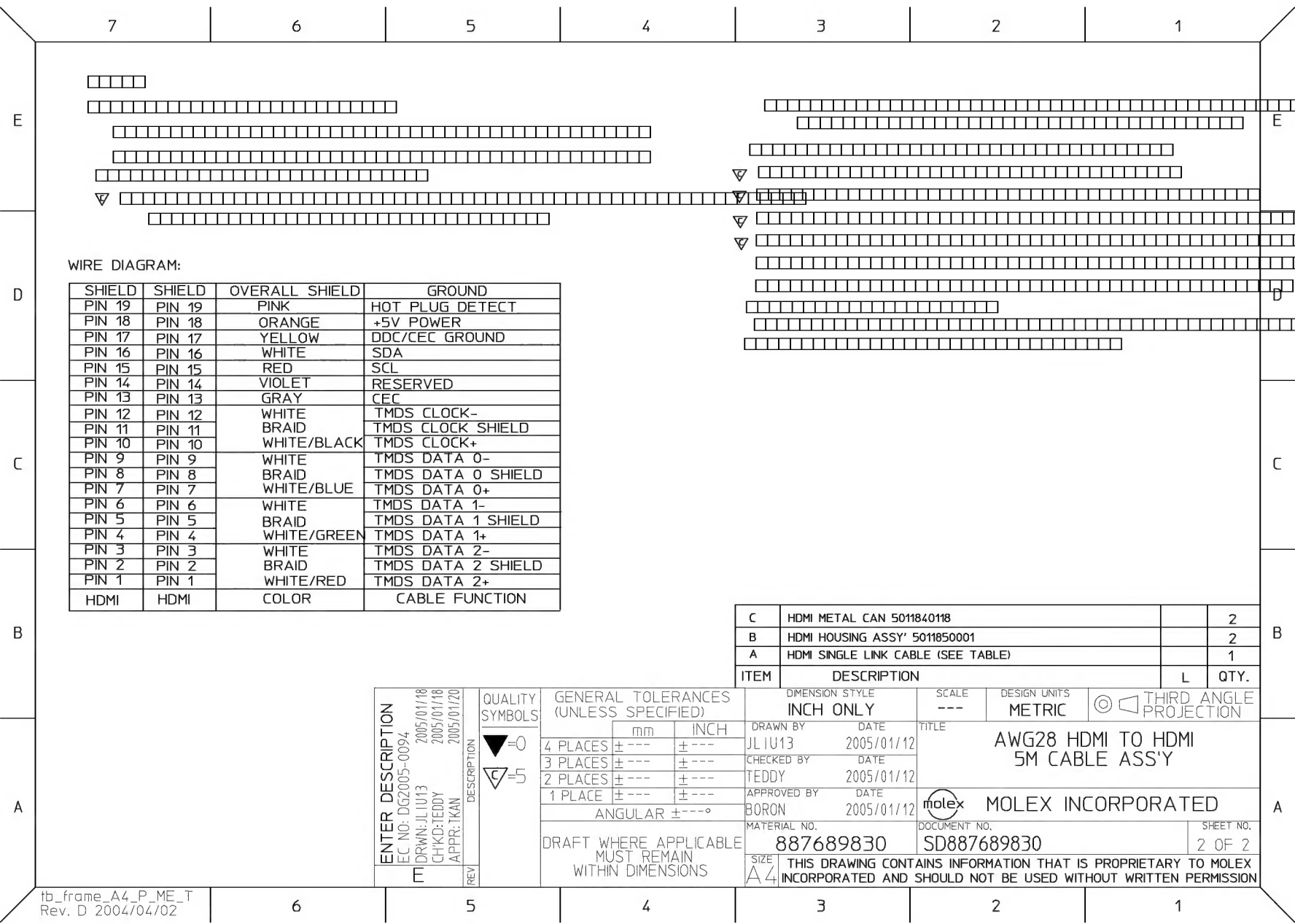
D	SMALL METAL PLATE 47152-6009		2
C	HDMI METAL CAN 47152-4001		2
B	HDMI HOUSING ASSY' 47152-1100		2
A	HDMI SINGLE LINK CABLE (SEE TABLE)		1
ITEM	DESCRIPTION	L	QTY.



ENTER DESCRIPTION EC NO: DG2006-0144 DRWN: JFZHENG CHKD: APPR: DQLUO	2005/12/27 2005/12/30 2006/01/16	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPROVED BY DATE DQLUO 2005/12/26		MATERIAL NO. ENTER PART		DOCUMENT NO. SD-887689830		SHEET NO. 2 OF 00		
					SIZE A4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



88768-9830	HDMI TO HDMI CABLE ASS'Y,5M	5000 ± 100	BLACK	7.3MM(TMDS - AWG#28)	887808610
88768-9820	HDMI TO HDMI CABLE ASS'Y,3M	3000 ± 80	BLACK	7.3MM(TMDS - AWG#28)	887808610
88768-9810	HDMI TO HDMI CABLE ASS'Y,2M	2000 ± 60	BLACK	7.3MM(TMDS - AWG#28)	887808610
88768-9800	HDMI TO HDMI CABLE ASS'Y,1M	1000 ± 30	BLACK	7.3MM(TMDS - AWG#28)	887808610
MX P/N	DESCRIPTION	LENGTH	CABLE COLOR	CABLE OD	CABLE P/N

ENTER DESCRIPTION EC NO: DG2005-0094 DRWN:JLIU13 2005/01/18 CHKD:TEDDY 2005/01/18 APPR:TKAN 2005/01/20		DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
					mm	INCH	DRAWN BY	DATE	TITLE AWG28 HDMI TO HDMI 5M CABLE ASS'Y					
				4 PLACES	± ---	± ---	JLIU13	2005/01/12						
				3 PLACES	± ---	± ---	CHECKED BY	DATE						
				2 PLACES	± ---	± ---	TEDDY	2005/01/12						
				1 PLACE	± ---	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED					
				ANGULAR ± ---°		BORON	2005/01/12							
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.				SHEET NO.		
						887689830		SD887689830				1 OF 2		
				REV				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
A4														



C	HDMI METAL CAN 5011840118			2	
B	HDMI HOUSING ASSY' 5011850001			2	
A	HDMI SINGLE LINK CABLE (SEE TABLE)			1	
ITEM	DESCRIPTION			L	QTY.
DIMENSION STYLE INCH ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
DRAWN BY	DATE	TITLE AWG28 HDMI TO HDMI 5M CABLE ASS'Y			
JL IU13	2005/01/12				
CHECKED BY	DATE				
TEDDY	2005/01/12	 MOLEX INCORPORATED			
APPROVED BY	DATE				
BORON	2005/01/12				
MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
887689830		SD887689830		2 OF 2	
SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				